

CLAIMS

1. Method for controlling the signal level in radio-communication systems having microwave time division multiple access (TDMA), of the kind point to multi-point (PmP), characterised in that a local control is activated by a particular AGC (5) in the node receiver and simultaneously a radio control loop (9) is activated from the node (1) to each terminal (2, 3, 4) regulating the transmitted power level.

2. Control method as claimed in claim 1., wherein the particular AGC (5) employed in the receiver of the node (1) is a circuit both fast in re-configuration, and accurate and stable in working phases.

3. Control method as claimed in claims 1. and 2., wherein an overall AGC is employed in the receiver of the node (1), which comprises the fast AGC (5), having high accuracy and fixed gain and a slow AGC (8), having high accuracy and ready stability with respect to the changes in attenuation.

4. Control method as claimed in claim 3., wherein the fast and slow AGC (5, 8) have a proper loops control bandwidth, in order to ensure loop stability and wherein the slow AGC is updated using peak amplitude information coming from both outdoor and indoor measurement points.

Suba

10071244-024102